Inventor

? ds

Set	Items	Description
\$1	12	AU=(POMFRETT, C? OR POMFRETT C?)
S2	0	CHRIS? (4N) POMFRETT
S3	219	AU=(MCCANN, H? OR MCCANN H?)
S4	1	HUGH (2N) MCCANN
S5	465523	BRAIN? OR STIMUL? OR IMPED?
S6	9	(S3:S4) AND S5
S7	5	S6 NOT S1

? show files

File 350:Derwent WPIX 1963-2011/UD=201114

(c) 2011 Thomson Reuters

File 65:Inside Conferences 1993-2011/Mar 03

(c) 2011 BLDSC all rts. reserv.

File 35:Dissertation Abs Online 1861-2011/Jan
(c) 2011 ProQuest Info&Learning

1/5,K/1 (Item 1 from file: 350)
DIALOG(R)File 350: Derwent WPIX
(c) 2011 Thomson Reuters. All rights reserved.

0021055538 Drawing available

WPI Acc no: 2010-M80916/201068

Related WPI Acc No: 2004-795364; 2009-R62597

Method for monitoring response of nervous system of body to stimulus, involves collecting subset of voltage measurement during measurement period beginning after particular delay following occurrence of stimulus
Patent Assignee: UNIV MANCHESTER (UYMA-N)

Inventor: DAVIDSON J; MCCANN H; POMFRETT C J D; WRIGHT P

Patent Family (2 patents, 113 countries)								
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Туре	
WO 2010112825	A2	20101007	WO 2010GB596	Α	20100329	201068	В	
WO 2010112825	A3	20101125	WO 2010GB596	A	20100329	201077	E	

Priority Applications (no., kind, date): US 2009415764 A 20090331; GB 20097983 A 20090509; DE 202009007623 U 20090528

		Pat	ent Detai	ls	
Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
WO 2010112825	A2	EN	62	16	
National Designated States,Confirmed	CA CH C FI GB GD KN KP K MK MN N PT RO RS	L CN CO GE GH C R KZ LA MW MX M S RU SC S	CR CU C GM GT H LC LK L MY MZ N GD SE SG	Z DE DK DM IN HR HU ID R LS LT LU I IA NG NI NO	G BH BR BW BY BZ I DO DZ EC EE EG ES IL IN IS JP KE KG KM Y MA MD ME MG NZ OM PE PG PH PL T SV SY TH TJ TM TN ZW
WO 2010112825	A3	EN			
National Designated States,Confirmed	CA CH CI FI GB GD KN KP KI MK MN N PT RO RS	L CN CO OGE GH O R KZ LA MW MX M S RU SC S	CR CU C GM GT H LC LK L MY MZ N GD SE SG	Z DE DK DM IN HR HU ID R LS LT LU I IA NG NI NO	G BH BR BW BY BZ I DO DZ EC EE EG ES IL IN IS JP KE KG KM .Y MA MD ME MG NZ OM PE PG PH PL I SV SY TH TJ TM TN ZW

Alerting Abstract WO A2

NOVELTY - The method involves providing multiple electrodes on surface of body and passing current between selected areas of surface of body. The voltage measurements between selected ones of electrodes are collected independently of stimulus application while current is passed between the pair of electrodes. A subset of collected voltage measurements is processed to determine a response of the nervous system to the stimulus. The subset of collected voltage measurements is collected during a measurement period beginning after a particular delay following occurrence stimulus.

DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

- 1. computer program for monitoring the response of nervous system of body to stimulus;
- 2. apparatus for monitoring response of nervous system of body to stimulus; and
- tomographic data acquisition apparatus for obtaining tomographic data from human or animal subject.

USE - Method for monitoring response of nervous system of body to stimulus, where the stimulus includes auditory evoked stimulus, visually evoked stimulus and physiologically occurring stimulus in heartbeat and breath.

ADVANTAGE - Since the voltage measurements between selected ones of electrodes are collected independently of stimulus application, and subset of collected voltage measurements is collected during a measurement period beginning after a particular delay following occurrence stimulus, so that any change in voltage measurement following stimulus application can be reliably attributed to the stimulus, thereby avoiding any risk that the commencement of measurement causes artifacts which affect the collected voltage measurement which lead to incorrect determinations relating to the response of the nervous system.

DESCRIPTION OF DRAWINGS - The drawing shows a schematic view of the apparatus for monitoring the response of nervous system of body to stimulus.

101 Subject's head

- 104 Electrical impedance tomography system
- 105 Current limiting circuit
- 106 Stimulus generator
- 107 Computer

Title Terms /Index Terms/Additional Words: METHOD; MONITOR; RESPOND; NERVE; SYSTEM, BODY; STIMULUS; COLLECT; SUBSET; VOLTAGE; MEASURE; PERIOD; BEGIN; AFTER: DELAY; FOLLOW; OCCUR

Class Codes

International Patent Classification						
IPC	Class Level	Scope	Position	Status	Version Date	
A61B-0005/00	A	I	F	В	20060101	ì
A61B-0005/053	A	I	F	В	20060101	П
A61B-0005/00	C	I		В	20060101	M
A61B-0005/053	C	I		В	20060101	П

ECLA: A61B-005/053H

File Segment: EngPI; EPI;

DWPI Class: S01; S05; T01; P31

Manual Codes (EPI/S-X): S01-D01: S05-D01: T01-J06A: T01-S03

...Inventor: POMFRETT C J D Original Publication Data by AuthorityArgentinaPublication No. Inventor name & address:POMFRETT, Christopher, John, Douglas.....POMFRETT C J D, GB

1/5,K/2 (Item 2 from file: 350)

DIALOG(R)File 350: Derwent WPIX

(c) 2011 Thomson Reuters. All rights reserved.

0014613391 Drawing available

WPI Acc no: 2004-795364/200478

Related WPI Acc No: 2010-M80916

Nervous system response monitoring method using electrical impedance tomography, involves collecting voltage measurements between selected areas of human body over predetermined time period after application of stimulus

Patent Assignee: UMIST VENTURES LTD (UMIS-N); UNIV MANCHESTER (UYMA-N); UNIV VICTORIA MANCHESTER (UYMA-N); MCCANN H (MCCA-I); POMFRETT C J D (POMF-I) Inventor: MCCANN H: POMFRETT C J D

,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	P	atent Fami	ly (7 patents, 107 co	untries)		
Patent Number Kind D		Date	Application Number	Kind	Date	Update	Турє
WO 2004093679	A1	20041104	WO 2004GB1565	A	20040413	200478	В
EP 1615550	A1	20060118	EP 2004727037	A	20040413	200606	Е
			WO 2004GB1565	A	20040413		
US 20060189883	A1	20060824	WO 2004GB1565	A	20040413	200656	E
			US 2005553745	A	20051018		
EP 1615550	В1	20070321	EP 2004727037	A	20040413	200723	E
			WO 2004GB1565	A	20040413		
DE 602004005438	Е	20070503	DE 062004005438	A	20040413	200731	E
			EP 2004727037	Α	20040413		
			WO 2004GB1565	A	20040413		
DE 602004005438	T2	20071129	DE 062004005438	A	20040413	200780	E
			EP 2004727037	Α	20040413		
			WO 2004GB1565	A	20040413		
US 20100010369	A1	20100114	WO 2004GB1566	Α	20040413	201006	E
			US 2005553745	Α	20051018		
			US 2009415764	Α	20090331		

Priority Applications (no., kind, date): GB 20039049 A 20030422

Patent Number	Kind	Lan	Pgs	Draw	Filing	Notes
WO 2004093679	A1	EN	24	3		
National Designated States,Original	CO CI GM H LV M PL PT	R CU R HU A ME RO F	CZ E ID I MG RU Se	DE DK D L IN IS MK MI C SD SE	AZ BA BB BG BR BW DM DZ EC EE EG ES I JP KE KG KP KR KZ N MW MX MZ NA NI E SG SK SL SY TJ TM ZA ZM ZW	FI GB GD GE GH LC LK LR LS LT LI NO NZ OM PG PH
Regional Designated States,Original	GR H	UIEI	T KE		CZ DE DK EA EE ES MC MW MZ NL OA M ZW	
EP 1615550	A1	EN			PCT Application	WO 2004GB1565
					Based on OPI patent	WO 2004093679
Regional Designated States,Original					Z DE DK EE ES FI FE K NL PL PT RO SE SI	
US 20060189883	A1	EN			PCT Application	WO 2004GB1565
EP 1615550	B1	EN			PCT Application	WO 2004GB1565
					Based on OPI patent	WO 2004093679
Regional Designated States,Original	DE FF	R GB				
DE 602004005438	E	DE			Application	EP 2004727037
					PCT Application	WO 2004GB1565
					Based on OPI patent	EP 1615550
					Based on OPI patent	WO 2004093679
DE 602004005438	Т2	DE			Application	EP 2004727037
					PCT Application	WO 2004GB1565
					Based on OPI patent	EP 1615550
					Based on OPI patent	WO 2004093679
US 20100010369	A1	EN			C-I-P of application	WO 2004GB1566
		[1	1	C-I-P of application	US 2005553745

Alerting Abstract WO A1 NOVELTY - A set of voltage measurement between selected area on the surface of the human body on supplying current, are collected over a predetermined measurement period after the

application of the stimulus. The collected voltage measurement are compared with reference measurements, to determine normal or abnormal response of the nervous system. DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- an apparatus for monitoring response of nervous system;
- 2. a method of diagnosing brain dysfunction;
- 3. a data carrier storing nervous system response monitoring program; and
- a computer.

USE - For monitoring response of nervous system of human body to defined stimulus such as flash of light before patient's eyes, audible sound adjacent to patient's ears, using electrical impedance tomography (EIT) imaging technique.

ADVANTAGE - Allows relatively faster current injection and voltage measurement so as to allow images to be captured with the required temporal resolution. Allows the general practitioner to quickly and easily assess the need for a patient to be referred to a neurologist. DESCRIPTION OF DRAWINGS - The figure shows the nervous system response monitoring apparatus.

2 ears

3 nose

Title Terms /Index Terms/Additional Words: NERVE; SYSTEM; RESPOND; MONITOR; METHOD; ELECTRIC; IMPEDANCE; TOMOGRAPHY; COLLECT; VOLTAGE; MEASURE; SELECT; AREA; HUMAN; BODY; PREDETERMINED; TIME; PERIOD; AFTER; APPLY; STIMULUS

Class Codes

	International	Patent	Classifica	ition	
IPC	Class Level	Scope	Position	Status	Version Date
A61B-0005/04	A	I	L		20060101
A61B-0005/04	A	I	L	В	20060101
A61B-0005/0484	A	N		R	20060101
A61B-0005/0484	A	I	F		20060101
A61B-0005/0484	A	I	F	В	20060101
A61B-0005/05	A	I	F	В	20060101
A61B-0005/053	A	I		R	20060101
A61B-0005/04	C	I			20060101
A61B-0005/04	C	I		В	20060101
A61B-0005/04	C	I	L	В	20060101
A61B-0005/0476	C	I			20060101
A61B-0005/0476	C	I		В	20060101
A61B-0005/0476	C	N		R	20060101
A61B-0005/0476	C	I	F	В	20060101
A61B-0005/05	C	I	F	В	20100101
A61B-0005/053	C	I		R	20060101

ECLA: A61B-005/053H

ICO: K61B-005:0484B, K61B-005:0484D

US Classification, Current Main: 600-547000, 600-554000

US Classification, Issued: 600547, 600554

File Segment: EngPI: EPI:

DWPI Člass: S05; T01; P31

Manual Codes (EPI/S-X): S05-D01D1; S05-D01F; T01-J06A; T01-J10C4B; T01-S03

1/5,K/4 (Item 4 from file: 350)
DIALOG(R)File 350: Derwent WPIX
(c) 2011 Thomson Reuters. All rights reserved.

0008417902 WPI Acc no: 1997-535461/199749 XRAM Acc no: C1997-171167 XRPX Acc No: N1997-445804

Detecting degenerative brain disease in cows - by measuring the respiratory sinus arrhythmia and determining if it is abnormal

Patent Assignee: UNIV VICTORIA MANCHESTER (UYMA-N); BTG INT LTD (BTGB)

Inventor: POMFRETT C

	I	-	Application				-
Patent Number	Kind	Date	Number	Kind	Date	Update	Туре
WO 1997038627	A1	19971023	WO 1997GB1043	A	19970415	199749	В
AU 199725189	Α	19971107	AU 199725189	A	19970415	199809	E
EP 897283	A1	19990224	EP 1997916578	Α	19970415	199912	E
			WO 1997GB1043	Α	19970415		
JP 2001502193	W	20010220	JP 1997536867	Α	19970415	200114	E
			WO 1997GB1043	A	19970415		
US 6217521	B1	20010417	WO 1997GB1043	A	19970415	200123	E
			US 1998173736	A	19981016		
AU 736454	В	20010726	AU 199725189	A	19970415	200149	E
EP 897283	B1	20041013	EP 1997916578	A	19970415	200467	E
			WO 1997GB1043	A	19970415		
DE 69731194	E	20041118	DE 69731194	A	19970415	200476	E
			EP 1997916578	A	19970415		
			WO 1997GB1043	A	19970415		
ES 2230599	Т3	20050501	EP 1997916578	Α	19970415	200532	E
DE 69731194	T2	20051020	DE 69731194	A	19970415	200569	E
			EP 1997916578	A	19970415		
			WO 1997GB1043	Α	19970415		

Priority Applications (no., kind, date): GB 19967970 A 19960417; GB 199623759 A 19961115; GB 19974300 A 19970301: WO 1997GB1043 A 19970415

Patent Number	Kind	Lan	Pos		tent Details Filing Not	es
WO 1997038627			28		,s.	
National Designated States,Original	AL A EE E LT L	M A' S FI O U LV	T AU GB G MD	AZ B E GH MG N	A BB BG BR BY CA CH CN HU IL IS JP KE KG KP KR MK MN MW MX NO NZ PL IT UA UG US UZ VN YU	KZ LC LK LR LS
Regional Designated States,Original					A ES FI FR GB GH GR IE IT E SZ UG	KE LS LU MC
AU 199725189	Α	EN			Based on OPI patent	WO 1997038627
EP 897283	A1	EN			PCT Application	WO 1997GB1043
		-			Based on OPI patent	WO 1997038627
Regional Designated States,Original	АТ В	E CH	I DE	DK E	S FI FR GB GR IE IT LI LU I	MC NL PT SE
JP 2001502193	W	JA	25		PCT Application	WO 1997GB1043
					Based on OPI patent	WO 1997038627
US 6217521	B1	EN			Continuation of application	WO 1997GB1043
AU 736454	В	EN			Previously issued patent	AU 9725189
					Based on OPI patent	WO 1997038627
EP 897283	В1	EN			PCT Application	WO 1997GB1043
					Based on OPI patent	WO 1997038627
Regional Designated States,Original	АТ В	E CH	I DE	DK E	S FI FR GB GR IE IT LI LU I	MC NL PT SE
DE 69731194	E	DE			Application	EP 1997916578
					PCT Application	WO 1997GB1043
					Based on OPI patent	EP 897283
					Based on OPI patent	WO 1997038627
ES 2230599	Т3	ES			Application	EP 1997916578
					Based on OPI patent	EP 897283
DE 69731194	Т2	DE			Application	EP 1997916578
					PCT Application	WO 1997GB1043
					Based on OPI patent	EP 897283
					Based on OPI patent	WO 1997038627

Alerting Abstract WO A1

A method for estimating the probability that a mammal is suffering from a degenerative brain disease, in which a measurement is made of the respiratory sinus arrhythmia (RSA) of the mammal, and it is assumed that the mammal is suffering from a degenerative brain disease if the measured RSA is shoromal

Also claimed are: (B) a degenerative brain disease monitoring apparatus comprising a device for measuring the RSA of a mammal, and a device for producing an output indicating that the mammal is suffering from a degenerative brain disease if the measured RSA is abnormal; (C) an animal carcass selection apparatus, comprising a device for monitoring the RSA of animals prior to slaughter, and a device for generating an output representing whether or not individual animals have normal RSA, the output being used to enable the selection of carcasses of only those animals for which the output indicates normal RSA; (D) a selection apparatus for selecting animals for slaughter, comprising a device for monitoring RSA of the animals, and a device for producing an output indicating which animals have an abnormal measured RSA to enable the slaughter of such animals.

USE - The methods can be used for assessing animals such as cattle for degenerative brain diseases especially BSE without it being necessary to slaughter the animal. The method can also be applied to other degenerative brain disease where lesions are formed progressively in the brain.

Title Terms /Index Terms/Additional Words: DETECT; DEGENERATE; BRAIN; DISEASE; COW; MEASURE; RESPIRATION; SINUS; ARRHYTHMIC; DETERMINE; ABNORMAL

Class Codes

	International	Patent	Classifica	ition	
IPC	Class Level	Scope	Position	Status	Version Date
A61B-005/0245			Main		"Version 7"
A61B-0005/0245	A	I		R	20060101
A61B-0005/024	C	I		R	20060101

FCI A: A61B-005/0245

US Classification, Current Main: 600-484000; Secondary: 452-052000, 600-513000 US Classification, Issued: 600513, 45252, 600484

Japan National Class	sificati	on FI T	`erms
FI Term	Facet	Rank	Type
A61B-005/02 321 T			

Jaj	oan National Classification F Terms
Theme	ViewPoint + Figure Additional Code
4C017	
4C017	AA14
4C017	AA19
4C017	AA20

File Segment: CPI; EngPI

DWPI Class: B04; C07; D12; P31
Manual Codes (CPI/A-N): B11-C08E; B12-K04A; C11-C08E; C12-K04A; D02-A

1/5,K/5 (Item 5 from file: 350) DIALOG(R)File 350: Derwent WPIX (c) 2011 Thomson Reuters. All rights reserved.

0006197553 *Drawing available* WPI Acc no: 1992-166819/199220 XRPX Acc No: N1992-124733

Anaesthesia depth monitoring method - compares measurement and reference valves derived from circular statistical vector analysis of R-waves using Rayleigh randomness test

Patent Assignee: UNIV VICTORIA MANCHESTER (UYMA-N) Inventor: POMFRETT C J D

	3	Patent Fan	nily (24 patents, 53 c	ountries	,		
Patent Number	Kind	Date	Application Number	Kind	Date 19911016	Update	
WO 1992006632	A1	19920430	WO 1991GB1807	A		199220	
AU 199187184	A	19920520	AU 199187184	Α	19911016	199233	E
			WO 1991GB1807	A	19911016		
ZA 199108339	A	19920729	ZA 19918339	Α	19911018	199236	E
FI 199301742	Α	19930526	WO 1991GB1807	A	19911016	199330	E
			FI 19931742	A	19930416		
EP 553162	A1	19930804	EP 1991917976	A	19911016	199331	E
			WO 1991GB1807	A	19911016		
NO 199301392	Α	19930608	WO 1991GB1807	Α	19911016	199336	E
			NO 19931392	A	19930415		
PT 99257	A	19931029	PT 99257	A	19911017	199346	E
CZ 199300650	A3	19931117	CZ 1993650	A	19911016	199402	E
AU 645855	В	19940127	AU 199187184	A	19911016	199410	E
JP 6501865	w	19940303	JP 1991516503	A	19911016	199414	Е
			WO 1991GB1807	A	19911016		
HU 64811	Т	19940328	WO 1991GB1807	A	19911016	199417	E
			HU 19931110	A	19911016		
SK 199300361	A3	19930811	SK 1993361	A	19930419	199418	E
US 5372140	A	19941213	WO 1991GB1807	A	19911016	199504	E
			US 199339122	A	19930213	2	
CZ 281503	B 6	19961016	CZ 1993650	A	19911016	199648	Е
EP 553162	B1	19970528	EP 1991917976	A	19911016	199726	E
			WO 1991GB1807	A	19911016		*
DE 69126315	E	19970703	DE 69126315	A	19911016	199732	E
			EP 1991917976	A	19911016	No constitution of	
	Ì		WO 1991GB1807	A	19911016		
ES 2102408	T3	19970801	EP 1991917976	A	19911016	199737	E
IE 80495	В	19980812	IE 19913643	Α	19911017	199846	E
SK 279369	B 6	19981007	WO 1991GB1807	A	19911016	199850	E
			SK 1993361	A	19911016		
HU 215658	В	19990301	WO 1991GB1807	Α	19911016	199916	E
	Ī		HU 19931110	A	19911016		
FI 102872	B1	19990315	WO 1991GB1807	Α	19911016	199918	E
			FI 19931742	A	19930416		
CA 2094288	C	19990525	CA 2094288	Α	19911016	199939	E
			WO 1991GB1807	A	19911016		***********
JP 3065660	B2	20000717	JP 1991516503	A	19911016	200039	E
			WO 1991GB1807	A	19911016		
NO 308094	В1	20000724	WO 1991GB1807	A	19911016	,	E

A

NO 19931392

19930415

Priority Applications (no., kind, date): GB 199022623 A 19901018; WO 1991GB1807 A 19911016

Patent Number	Kind	Lan	Pac	Draw	Filing N	otes
WO 1992006632	A1	EN		9	, anng it	V.65
National Designated States,Original	АТ А	U BB	BG	BR CA	A CH CS DE DK ES FI GE NL NO PL RO SD SE SU	
Regional Designated States,Original	LU M	L MI	R NL	SE SN	CH CI CM DE DK ES FR I TD TG	GA GB GN GR IT
AU 199187184	Α	EN	T		PCT Application	WO 1991GB1807
					Based on OPI patent	WO 1992006632
ZA 199108339	Α	EN	19			
FI 199301742	A	FI			PCT Application	WO 1991GB1807
EP 553162	A1	EN	2	1	PCT Application	WO 1991GB1807
					Based on OPI patent	WO 1992006632
Regional Designated States,Original	АТ В	Е СН	DE	DK ES	FR GB GR IT LI LU NL	SE
NO 199301392	A	NO			PCT Application	WO 1991GB1807
AU 645855	В	EN			Previously issued patent	AU 9187184
					Based on OPI patent	WO 1992006632
JP 6501865	W	JA			PCT Application	WO 1991GB1807
					Based on OPI patent	WO 1992006632
HU 64811	Т	HU	1		PCT Application	WO 1991GB1807
					Based on OPI patent	WO 1992006632
US 5372140	Α	EN	13	9	PCT Application	WO 1991GB1807
					Based on OPI patent	WO 1992006632
CZ 281503	В6	CS	T		Previously issued patent	CZ 9300650
EP 553162	В1	EN	12	9	PCT Application	WO 1991GB1807
			<u> </u>		Based on OPI patent	WO 1992006632
Regional Designated States,Original	АТ В	Е СН	DE	DK ES	FR GB GR IT LI LU NL	SE
DE 69126315	E	DE			Application	EP 1991917976
					PCT Application	WO 1991GB1807
					Based on OPI patent	EP 553162
			I		Based on OPI patent	WO 1992006632
ES 2102408	T3	ES			Application	EP 1991917976
			Γ		Based on OPI patent	EP 553162
IE 80495	В	EN				
SK 279369	B 6	SK			PCT Application	WO 1991GB1807
					Previously issued patent	SK 9300361
HU 215658	В	HU	I		PCT Application	WO 1991GB1807
					Previously issued patent	HU 64811
***************************************		***************************************	***********			

Based on OPI patent

WO 1992006632

Alerting Abstract WO A1

A series of R waves are analysed to determine the position in time of each R wave relative to the respiratory cycle in which it occurs. The position of the R wave is determined on a normalised unit of repiratory waveform with each wave resolved as a vector with angle and magnitude representing the portion of the R wave in the respiratory cycle.

A measurement value is obtained from the mean vector length and the Rayleigh test for randomness is applied to determine a reference vector length corresponding to a predetermined significance level for clustering of the R waves. Comparison of the measurement and reference values gives a measure of the depth of the anaesthesia.

ADVANTAGE - Measures sinus arrhythmia to provide real time indication of the depth of anaesthesia, and prevent posibility of patients being aware of their surroundings under anaesthetics.

Title Terms /Index Terms/Additional Words: ANAESTHETIC; DEPTH; MONITOR; METHOD; COMPARE; MEASURE; REFERENCE; VALVE; DERIVATIVE; CIRCULAR; STATISTICAL; VECTOR; ANALYSE; WAVE; RAYLEIGH; RANDOM; TEST

Class Codes

	International	Patent	Classifica	tion		*
IPC	Class Level	Scope	Position	Status	Version Date	
A61B-005/0205			Main		"Version 7"	,
A61B-0005/0205	A	I		R	20060101	1
A61B-0005/0402	A	I	F	R	20060101	1
A61B-0005/0456	A	I	L	R	20060101	1
A61B-0005/0468	A	I		R	20060101	-
A61B-0005/08	A	I		R	20060101	-
A61B-0005/11	A	I		R	20060101	1
A61M-0016/01	A	I	L	R	20060101	1
A61M-0016/10	A	I		R	20060101	-
A61B-0005/0205	C	I		R	20060101	
A61B-0005/0402	C	I	F	R	20060101	1
A61B-0005/0452	C	I	L	R	20060101	1
A61B-0005/08	C	I		R	20060101	-
A61B-0005/11	C	I		R	20060101	1
A61M-0016/01	C	I	L	R	20060101	7
A61M-0016/10	C	I		R	20060101	1

ECLA: A61B-005/0205, A61B-005/08R, A61B-005/11H4, A61M-016/10B US Classification. Issued: 128700, 128671

FI Term	Facet Rank Type
A61B-005/04 310 M	
A61B-005/04 312 R	
A61B-005/08	
A61M-016/01 G	

	oan National Classification F Terms
Theme	ViewPoint + Figure Additional Code
4C027	
4C038	
4C103	
4C027	AA02
4C027	BB05
4C027	FF00
4C027	FF01
4C027	GG02
4C027	GG05
4C027	GG15
4C027	HH03
4C027	HH11
4C027	KK03
4C038	SS00
4C038	SS08
4C038	ST09
4C038	SU01
4C038	SV00
4C038	SX07

File Segment: EngPI; EPI; DWPI Class: S05; P31; P34 Manual Codes (EPI/S-X): S05-L

1/5,K/6 (Item 1 from file: 65)

DIALOG(R)File 65: Inside Conferences

(c) 2011 BLDSC all rts. reserv. All rights reserved.

0006518105 Inside Conference Item ID: CN067344532

Predicted EIT current densities in the brain using a 3D anatomically realistic model of the head

Davidson, J.L.: Pomfrett, C.J.D.: McCann, H.

Conference: International Conference on Electrical Bio-impedance; and the 8th Conference on Electrical Impedance Tomography: ICEBI 2007, August 29th-September 2nd 2007, Graz, Austria /- 13th IFMBE PROCEEDINGS . 2007: VOL 17 P: 376-379

Berlin, New York, Springer, c2007

ISSN: 1680-0737 ISBN: 3540738401

Language: English Document Type: Conference Papers

Editor: Scharfetter, Hermann; Merwa, Robert

Location: Graz, Austria

2007; Aug (200708) (200708)

British Library Item Location: 4363.315960

Note:

Held as a joint conference. Includes bibliographical references and indexes

Descriptors: Electric Impedance; Biotechnology; Models, Biological; Tomography; Electrical bioimpedance; Impedance tomography Davidson, J.L.; Pomfrett, C.J.D.; McCann, H.

1/5,K/7 (Item 2 from file: 65)

DIALOG(R)File 65: Inside Conferences

(c) 2011 BLDSC all rts. reserv. All rights reserved.

05146015 Inside Conference Item ID: CN053561571

Sub-Second Observations of EIT Voltage Changes on the Human Scalp Due to Brain

Stimulus

Murrieta-Lee, J. C.; Pomfrett, C. J. D.; Beatty, P. C. W.; Polydorides, N.; Mussel, C. B.;

Waterfall, R. C.; McCann, H.

Conference: IEEE Engineering in Medicine and Biology Society - 26th.; Annual international conference

PROCEEDINGS OF THE ANNUAL INTERNATIONAL CONFERENCE-IEEE ENGINEERING IN MEDICINE AND BIOLOGY SOCIETY, 2004; 26TH; VOL 2 P; 1317-1320

Piscataway, N.J.: IEEE., 2004

ISSN: 1094-687X ISBN: 0780384393

Language: English Document Type: Conference Preprinted papers

Sponsor: IEEE Engineering in Medicine and Biology Society

Location: San Francisco, CA

2004; Sep (200409) (200409)

British Library Item Location: 6841.187030

Descriptors: Éngineering: Medicine: Biology: IEEE: EMBS Murrieta-Lee, J. C.: Pomfrett, C. J.

D.: Beatty, P. C. W.: Polydorides, N.: Mussel, C. B.: Waterfall, R. C.: McCann, H.

1/5.K/8 (Item 3 from file: 65)

DIALOG(R)File 65: Inside Conferences

(c) 2011 BLDSC all rts. reserv. All rights reserved.

03750894 Inside Conference Item ID: CN039439219

Respiratory sinus arrhythmia as an index of anaesthetic depth: evidence from functional imaging studies

Pomfrett, C. J. D.; Alkire, M. T.

Conference: Memory and awareness in anaesthesia - International symposium; 4th

P: 350-351

London, Imperial College Press, c2000

ISBN: 1860942229

Language: English Document Type: Conference Papers and abstracts

Editor: Jordan, C.: Vaughan, D. J. A.: Newton, D. E. F.

Location: London

1998 (1998) (1998)

British Library Item Location: m01/22960

Note:

Also known as MAA98

Descriptors: memory in anaesthesia; MAA; awareness in anaesthesia; anaesthesia Pomfrett,

C. J. D.; Alkire, M. T.

1/5,K/9 (Item 4 from file: 65)

DIALOG(R)File 65: Inside Conferences

(c) 2011 BLDSC all rts. reserv. All rights reserved.

02081116 Inside Conference Item ID: CN021810029

Toward a Monitor of Depth: Bispectral Index (BIS) and Respiratory Sinus Arrhythmia (RSA) Both Monitor Cerebral Metabolic Reduction during Isoflurane Anesthesia

Alkire, M.: Pomfrett, C.

Conference: American Society of Anesthesiologists - Annual meeting

ANESTHESIOLOGY -PHILADELPHIA THEN HAGERSTOWN-, 1997; VOL 87; NUMBER

3/SUP P: A421 Lippincott-Raven, 1997

ISSN: 0003-3022

Language: English Document Type: Conference Preprinted abstracts

Sponsor: American Society of Anesthesiologists

Location: San Diego, CA

Date: Oct 1997 (199710) (199710)

British Library Item Location: 0900.600000

Descriptors: anesthesiologists Alkire, M.: Pomfrett, C.

1/5,K/10 (Item 5 from file: 65)

DIALOG(R)File 65: Inside Conferences

(c) 2011 BLDSC all rts. reserv. All rights reserved.

01836985 Inside Conference Item ID: CN018981009

EEG monitoring using bispectral analysis

Pomfrett, C. J. D.

Conference: New measurements and techniques in intensive care - Colloquium

COLLOQUIUM DIGEST-IEE, 1996; ISSUE 179 P: 5

IEE, 1996

ISSN: 0963-3308

Language: English Document Type: Conference Selected preprints and provisional programme

Sponsor: IEE Professional Group S9 (Biomedical Engineering)

IEE Professional Group J1 (Instrumentation and Measurement Systems)

Institute of Healthcare Engineering and Estate Management

Location: London

Date: Dec 1996 (199612) (199612)

British Library Item Location: 3315.470000

Descriptors: intensive care; IEE; biomedical engineering; instrumentation; measurement

systems; healthcare engineering Pomfrett, C. J. D.

1/5,K/11 (Item 6 from file: 65)

DIALOG(R)File 65: Inside Conferences

(c) 2011 BLDSC all rts. reserv. All rights reserved.

01631183 Inside Conference Item ID: CN016162993

Toward the Fundamental Unit of Anesthetic Depth: Positron Emission Tomography Evidence Suggests Bispectral Index (BIS) Monitors an Important Component of Anesthetic Depth Alkire, M.: Pomfrett, C.

Conference: American Society of Anesthesiologists - Annual meeting

ANESTHESIOLOGY -PHILADELPHIA THEN HAGERSTOWN-, 1996: VOL 85: NUMBER 3//SUP P: A174

Lippincott-Bayen 1996

ISSN: 0003-3022

Language: English Document Type: Conference Preprinted abstracts and programme

Location: New Orleans, LA Date: Oct 1996 (199610) (199610)

British Library Item Location: 0900.600000

Descriptors: anesthesiologists Alkire, M.: Pomfrett, C.

1/5.K/12 (Item 7 from file: 65)

DIALOG(R)File 65: Inside Conferences

(c) 2011 BLDSC all rts, reserv. All rights reserved.

01627290 Inside Conference Item ID: CN016162993

Toward the Fundamental Unit of Anesthetic Depth: Positron Emission Tomography Evidence Suggests Bispectral Index (BIS) Monitors an Important Component of Anesthetic Depth

Alkire, M.; Pomfrett, C.

Conference: American Society of Anesthesiologists - Annual meeting

ANESTHESIOLOGY -PHILADELPHIA THEN HAGERSTOWN- , 1996: VOL 85: NUMBER

3//SUP P: A174 Lippincott-Raven, 1996

ISSN: 0003-3022

Language: English Document Type: Conference Preprinted abstracts and programme

Location: New Orleans, LA

Date: Oct 1996 (199610) (199610)

British Library Item Location: 0900.600000 Descriptors: anesthesiologists Alkire, M.; Pomfrett, C.

7/5,K/1 (Item 1 from file: 65)

DIALOG(R)File 65: Inside Conferences

(c) 2011 BLDSC all rts, reserv. All rights reserved.

0006518107 Inside Conference Item ID: CN067344556

Conversion of EIT brain images for co-registration

McCormick, D.; Davidson, J.L.; McCann, H.

Conference: International Conference on Electrical Bio-impedance; and the 8th Conference on Electrical Impedance Tomography: ICEBI 2007, August 29th-September 2nd 2007, Graz, Austria

IFMBE PROCEEDINGS . 2007; VOL 17 P: 384-387

Berlin, New York, Springer, c2007

ISSN: 1680-0737 ISBN: 3540738401

Language: English Document Type: Conference Papers

Editor: Scharfetter, Hermann: Merwa, Robert

Location: Graz, Austria

2007: Aug (200708) (200708)

British Library Item Location: 4363.315960

Held as a joint conference. Includes bibliographical references and indexes

Descriptors: Electric Impedance: Biotechnology: Models, Biological: Tomography: Electrical

bioimpedance; Impedance tomography

Conversion of EIT brain images for co-registration

McCormick, D.; Davidson, J.L.; McCann, H.

Descriptors: Electric Impedance; Biotechnology; Models, Biological; Tomography; Electrical bioimpedance: Impedance tomography

7/5,K/2 (Item 2 from file: 65)

DIALOG(R)File 65: Inside Conferences

(c) 2011 BLDSC all rts. reserv. All rights reserved.

0006518092 Inside Conference Item ID: CN067344401

Low-Noise Measurement for Electrical Impedance Tomography

Rafiei-Naeini, M.; Wright, P.; McCann, H.

Conference: International Conference on Electrical Bio-impedance; and the 8th Conference on Electrical Impedance Tomography: ICEBI 2007, August 29th-September 2nd 2007, Graz, Austria /- 13th

IFMBE PROCEEDINGS . 2007; VOL 17 P: 324-327

Berlin, New York, Springer, c2007 ISSN: 1680-0737 ISBN: 3540738401

Language: English Document Type: Conference Papers

Editor: Scharfetter. Hermann: Merwa. Robert

Location: Graz. Austria

2007; Aug (200708) (200708)

British Library Item Location: 4363.315960

Note:

Held as a joint conference. Includes bibliographical references and indexes

Descriptors: Electric Impedance; Biotechnology; Models, Biological; Tomography; Electrical bioimpedance; Impedance tomography

Low-Noise Measurement for Electrical Impedance Tomography

Rafiei-Naeini, M.; Wright, P.; McCann, H.

Descriptors: Electric Impedance; Biotechnology; Models, Biological; Tomography; Electrical bioimpedance; Impedance tomography

7/5.K/3 (Item 3 from file: 65)

DIALOG(R)File 65: Inside Conferences

(c) 2011 BLDSC all rts, reserv. All rights reserved.

04495577 Inside Conference Item ID: CN047023385 Considerations in Electrical Impedance Imaging

Polydorides, N.: Lionheart, W. R. B.: McCann. H.

Conference: Industrial process tomography - World congress; 2nd

WORLD CONGRESS ON INDUSTRIAL PROCESS TOMOGRAPHY, 2001; 2ND P: 387-394 Virtual Centre for Industrial Process Tomography, 2001

ISBN: 0853162247

Language: English Document Type: Conference Papers
Sponsor: Virtual Centre for Industrial Process Tomography

Location: Hannover, German 2001; Aug (200108) (200108)

British Library Item Location: 9353.442900V

Note:

CD-ROM in pocket attached to inside back cover **Descriptors**: industrial process: tomography

Considerations in Electrical Impedance Imaging
Polydorides. N.: Lionheart. W. R. B.: McCann. H.

7/5.K/4 (Item 4 from file: 65)

DIALOG(R)File 65: Inside Conferences

(c) 2011 BLDSC all rts. reserv. All rights reserved.

04245115 Inside Conference Item ID: CN044538556

Krylov Subspace Iterative Techniques: On the Detection of Brain Activity With Electrical Impedance Tomography

Polydorides, N.; Lionheart, W. R. B.; McCann, H.

Conference: Electrical impedance imaging; Special issue on electrical impedance tomography - Conference

IEEE TRANSACTIONS ON MEDICAL IMAGING , 2002; VOL 21; NO 6 P; 596-603

IEEE. 2002

ISSN: 0278-0062

Language: English Document Type: Conference Selected papers

Sponsor: IEEE 2002 (2002) (2002)

British Library Item Location: 4363.204500

Descriptors: electrical impedance imaging; EII; IEEE

Krylov Subspace Iterative Techniques: On the Detection of Brain Activity With Electrical

Impedance Tomography
Polydorides, N.; Lionheart, W. R. B.; McCann, H.

Descriptors: electrical impedance imaging; EII; IEEE

7/5 K/5 (Item 5 from file: 65)

DIALOG(R)File 65: Inside Conferences

(c) 2011 BLDSC all rts. reserv. All rights reserved.

03718183 Inside Conference Item ID: CN039115062

Sensitivity analysis of different sensing strategies for electrical impedance imaging of twophase flows (4188-23)

Figueiroa, T. P.: Seleghim, P.

Conference: Process imaging for automatic control - Technical conference

PROCEEDINGS-SPIE THE INTERNATIONAL SOCIETY FOR OPTICAL ENGINEERING.

2001; VOL 4188 P: 159-167 SPIF 2001

ISSN: 0277-786X ISBN: 0819438537

Language: English Document Type: Conference Papers

Editor: McCann, H.: Scott, D. M.

Sponsor: International Society for Optical Engineering

Location: Boston, MA

2000; Nov (200011) (200011)

British Library Item Location: 6823.100000

Note:

Held as part of the SPIE Intelligent systems and advanced manufacturing symposium

Descriptors: process imaging; automatic control; SPIE; optical engineering; intelligent systems; advanced manufacturing

Sensitivity analysis of different sensing strategies for electrical impedance imaging of twophase flows (4188-23)

Editor: McCann. H.: Scott. D. M.